

Brightwaves Enterprises, LLC
US 10/642,269

withdrawn claims have been given. Status of each claim is indicated in a parenthetical expression following the claim number. The text of all pending claims under examination have been submitted. Changes in amended claim is shown by strikethrough for deleted matter and underline for added matter.

CLAIMS LISTING

What is claimed is:

1. (Canceled) An infant nurturing device, ~~“Edith, A mother in Absentia”, capable of performing parent-infant “Kangaroo Care” attachment in the absence of biological parents comprising:~~
 - (a) ~~— a head portion;~~
 - (a) ~~— a neck portion;~~
 - (b) ~~— a torso portion;~~
 - (c) ~~— a base support portion;~~
 - (e) ~~a “Kangaroo” abdomen portion; and~~
 - (f) ~~a control panel.~~
2. (Canceled) ~~— The infant nurturing device according to claim 1, wherein said device further comprises a therapeutic pouch area and a corresponding therapeutic external pouch covering for enclosing full-term and pre-term infants when in use.~~
3. (Canceled) ~~The infant nurturing device according to claim 2, wherein said torso portion further comprises a chest portion and said “Kangaroo” abdomen portion.~~

4. (Canceled) The infant nurturing device according to claim 3, wherein said head portion further comprises ~~human-like hair, a pair of human-like eyes, human-like nose, human-like mouth, and wherein said base support further comprises a pair of lower extremities.~~
5. (Canceled) The infant nurturing device according to claim 4, wherein said Kangaroo abdomen portion further comprises ~~an internal cavity separated from external outer abdomen casing portions by a separation diaphragm member.~~
6. (Canceled) The infant nurturing device according to claim 5, wherein said internal cavity further comprises:
 - i. ~~a voice simulating means~~
 - ii. ~~a temperature simulating means~~
 - iii. ~~a breathing simulating means; and~~
 - iv. ~~a heart beat simulating means.~~
7. (Canceled) The infant nurturing device according to claim 6, wherein said voice, temperature, breathing and heartbeat simulating means are electrically coupled to a central control system, ~~a first end of said control system is electrically coupled to an external control panel directly attached on said device, and a second end of said control system is electrically coupled to a surge circuitry protector, wherein said protector is electrically coupled to a power supply.~~
8. (Canceled) The infant nurturing device according to claim 7, wherein said device further comprises the following:
 - (a) ~~said power supply consisting of electrical outlets and rechargeable batteries;~~
 - (b) ~~said device manufactured from materials consisting of metal, steel, metal alloy, plastic, reinforced plastic, ceramic, glass, hybrid metals, hybrid plastic-metal, hybrid glass-metal and hybrid plastic-glass;~~

~~© said external pouch covering is manufactured from materials consisting of cloth, fabric, textile, metal, steel, metal alloy, plastic, reinforced plastic, ceramic, glass, hybrid metals, hybrid plastic metal, hybrid glass metal and hybrid plastic glass;~~

~~(d) said heartbeat simulating means consisting of cassette player with prerecorded heartbeat, disk player with prerecorded heartbeat, battery powered transistorized oscillators and vibrator casing.~~

~~(e) said temperature simulating means consisting of heated-humidified air incubator based technology, infrared incubator based technology, heating pad based technology and embedded heating coil based technology.~~

~~(f) Said voice simulating means consisting of cassette player with prerecorded voice, digital disk player with prerecorded voice, and prerecorded chip; and~~

~~(g) Said breathing simulating means consisting of a pump-pneumatic valve system and an electromagnetic, motorized cord device.~~

~~(9) (Canceled) The infant nurturing device according to claim 8, wherein said device is fitted with flexible arm members.~~

~~(10) (Canceled) The infant nurturing device according to claim 9, wherein said device is motorized and fitted with worn parental clothing during use.~~

~~(11) (Canceled) An infant nurturing device, "Edith, A mother in Absentia", capable of~~

Brightwaves Enterprises, LLC
US 10/642,269

~~performing parent-infant “Kangaroo Care” attachment in the absence of
biological parents comprising:~~

~~(a) a head portion;~~

~~(b) a neck portion;~~

~~(c) a torso portion;~~

~~(d) a base support portion;~~

~~(e) “Kangaroo” abdomen portion~~

~~(f) a control panel; and~~

~~(g) a crib for placing said device in a horizontal resting
position.~~

~~(12) (Canceled) The infant nurturing device according to claim 11, wherein said device further
comprises a therapeutic pouch area, and a corresponding therapeutic external pouch covering for
enclosing full term and pre-term infants when in use.~~

~~(13) (Canceled) The infant nurturing device according to claim 12, wherein said torso portion
further comprises a chest portion and said “Kangaroo” abdomen portion.~~

~~(14) (Canceled) The infant nurturing device according to claim 13, wherein said head portion
further comprises human-like hair, a pair of human-like eyes, human-like nose, human-like
mouth, and wherein said base support further comprises a pair of lower extremities.~~

Brightwaves Enterprises, LLC
US 10/642,269

~~(15) (Canceled) The infant nurturing device according to claim 14, wherein said Kangaroo abdomen portion further comprises an internal cavity separated from external outer abdomen casing portions by a separation diaphragm member.~~

~~(16) (Canceled) The infant nurturing device according to claim 15, wherein said internal cavity further comprises:~~

- ~~(a) a voice simulating means~~
- ~~(b) a temperature simulating means~~
- ~~(c) a breathing simulating means; and~~
- ~~(d) a heart beat simulating means.~~

~~(17) (Canceled) The infant nurturing device according to claim 16, wherein said voice, temperature, breathing and heartbeat simulating means are electrically coupled to a central control system, a first end of said control system is electrically coupled to an external control panel directly attached on said crib, and a second end of said control system is electrically coupled to a surge circuitry protector, wherein said protector is electrically coupled to a power supply.~~

~~(18) (Canceled) The infant nurturing device according to claim 17, wherein said device further comprises the following:~~

- ~~(a) said power supply consisting of electrical outlets and rechargeable batteries;~~
- ~~(b) said device manufactured from materials consisting of metal, steel, metal alloy, plastic, reinforced plastic, ceramic, glass, hybrid metals, hybrid plastic metal, hybrid glass metal and hybrid plastic glass;~~
- ~~(c) said external pouch covering is manufactured from materials consisting~~

~~of cloth, fabric, textile, metal, steel, metal alloy, plastic, reinforced plastic, ceramic, glass, hybrid metals, hybrid plastic metal, hybrid glass metal and hybrid plastic glass;~~

~~(d) said heartbeat simulating means consisting of cassette player with prerecorded heartbeat, disk player with prerecorded heartbeat, battery powered transistorized oscillators and vibrator casing.~~

~~(e) said temperature simulating means consisting of heated humidified air incubator based technology, infrared incubator based technology, heating pad based technology and embedded heating coil based technology.~~

~~(f) said voice simulating means consisting of cassette player with prerecorded voice, digital disk player with prerecorded voice, and prerecorded chip;~~

~~(g) said breathing simulating means consisting of a pump pneumatic valve system and an electromagnetic, motorized cord device. ———~~

~~(19) (Canceled) The infant nurturing device according to claim 18, wherein said device is fitted with flexible arm members.~~

~~(20) (Canceled) The infant nurturing device according to claim 19, wherein said device is fitted with worn parental clothing during use.~~

21. (New) An infant nurturing device, "Edith, A mother in Absentia", capable of performing parent-infant "Kangaroo Care" attachment in the absence of biological parents comprising:

- (a) a head portion;
- (b) a neck portion;
- (c) a torso portion;
- (d) a base support portion;

- (e) a pouch area;
- (f) an internal cavity separated from external outer abdomen casing portions by a separation diaphragm member; and
- (g) an electrical control panel for controlling built-in components.

22. (New) The infant nurturing device according to claim 21, wherein said device further comprises a corresponding external pouch covering for enclosing full-term and pre-term infants when in use.

23. (New) The infant nurturing device according to claim 22, wherein said torso portion further comprises a chest portion and an abdomen portion.

24. (New) The infant nurturing device according to claim 23, wherein said head portion further comprises human-like hair, a pair of human-like eyes, human-like nose, human-like mouth, and wherein said base support further comprises a pair of lower extremities.

25. (New) The infant nurturing device according to claim 4, wherein said internal cavity further comprises:

- (a) a voice simulating means
- (b) a temperature simulating means
- (c) a breathing simulating means; and
- (d) a heart beat simulating means.

26. (New) The infant nurturing device according to claim 25 wherein said voice, temperature, breathing and heartbeat simulating means are electrically coupled to a central control system, a first end of said control system is electrically coupled to an external control panel directly

attached on said device, and a second end of said control system is electrically coupled to a surge circuitry protector, wherein said protector is electrically coupled to a power supply.

27. (New) The infant nurturing device according to claim 26, wherein said device further comprises the following:

- (a) said power supply consisting of electrical outlets and rechargeable batteries;
- (b) said device manufactured from materials consisting of metal, steel, metal alloy, plastic, reinforced plastic, ceramic, glass, hybrid metals, hybrid plastic-metal, hybrid glass-metal and hybrid plastic-glass;
- (c) said external pouch covering is manufactured from materials consisting of cloth, fabric, textile, metal, steel, metal alloy, plastic, reinforced plastic, ceramic, glass, hybrid metals, hybrid plastic-metal, hybrid glass-metal and hybrid plastic-glass;
- (d) said heartbeat simulating means consisting of cassette player with prerecorded heartbeat, disk player with prerecorded heartbeat, battery powered transistorized oscillators and vibrator casing;
- (e) said temperature simulating means consisting of heated-humidified air incubator based technology, infrared incubator based technology, heating pad based technology and embedded heating coil based technology;

(f) Said voice simulating means consisting of cassette player with prerecorded voice, digital disk player with prerecorded voice, and prerecorded chip; and

(g) Said breathing simulating means consisting of a pump-pneumatic valve system and an electromagnetic, motorized cord device.

28. (New) The infant nurturing device according to claim 27, wherein said device is fitted with flexible arm members.

29. (New) The infant nurturing device according to claim 28, wherein said device is motorized and fitted with worn parental clothing during use.

30. (New) An infant nurturing device, "Edith, A mother in Absentia", capable of performing parent-infant "Kangaroo Care" attachment in the absence of biological parents comprising:

- (a) a head portion;
- (b) a neck portion;
- (c) a torso portion;
- (d) a base support portion;
- (e) a pouch area; and
- (g) a crib having four walls for placing said infant nurturing device comprising a head portion, a neck portion, a torso portion, and a pouch area in a horizontal resting position.

31. (New) The infant nurturing device according to claim 30, wherein said device further comprises a pouch area, and a corresponding external pouch covering for enclosing full-term and pre-term infants when in use.

32. (New) The infant nurturing device according to claim 31, wherein said torso portion further comprises a chest portion and an abdomen portion.

33. (New) The infant nurturing device according to claim 32, wherein said head portion further comprises human-like hair, a pair of human-like eyes, human-like nose, human-like mouth, and wherein said base support further comprises a pair of lower extremities.

34. (New) The infant nurturing device according to claim 33, wherein the abdomen portion further comprises an internal cavity separated from external outer abdomen casing portions by a separation diaphragm member.

35. (New) The infant nurturing device according to claim 34, wherein said internal cavity further comprises:

- (a) a voice simulating means
- (b) a temperature simulating means
- (c) a breathing simulating means; and
- (d) a heart beat simulating means.

36. (New) The infant nurturing device according to claim 35, wherein said voice, temperature, breathing and heartbeat simulating means are electrically coupled to a central control system, a first end of said control system is electrically coupled to an external control panel directly attached on said crib, and a second end of said control system is electrically coupled to a surge circuitry protector, wherein said protector is electrically coupled to a power supply.

37. (New) The infant nurturing device according to claim 36, wherein said device further comprises the following:

(a) said power supply consisting of electrical outlets and rechargeable batteries;

(b) said device manufactured from materials consisting of metal, steel, metal alloy, plastic, reinforced plastic, ceramic, glass, hybrid metals, hybrid plastic-metal, hybrid glass-metal and hybrid plastic-glass;

(c) said external pouch covering is manufactured from materials consisting of cloth, fabric, textile, metal, steel, metal alloy, plastic, reinforced plastic, ceramic, glass, hybrid metals, hybrid plastic-metal, hybrid glass-metal and hybrid plastic-glass;

(d) said heartbeat simulating means consisting of cassette player with prerecorded heartbeat, disk player with prerecorded heartbeat, battery powered transistorized oscillators and vibrator casing;

(e) said temperature simulating means consisting of heated-humidified air incubator based technology, infrared incubator based technology, heating pad based technology and embedded heating coil based technology;

(f) said voice simulating means consisting of cassette player with prerecorded voice, digital disk player with prerecorded voice, and prerecorded chip; and

(g) said breathing simulating means consisting of a pump-pneumatic valve system and an electromagnetic, motorized cord device.

38. (New) The infant nurturing device according to claim 37, wherein said device is fitted with flexible arm members.

Brightwaves Enterprises, LLC
US 10/642,269

39. (New) The infant nurturing device according to claim 38, wherein said device is fitted with worn parental clothing during use.